Listing of the Claims:

1. (Currently amended) An elongated structure for the transmission of fluid-based compositions at non-ambient temperatures comprising:

a conduit for the transmission of a fluid-based composition;

at least two flexible elongated temperature control conduits for the transmission of a temperature control fluid, each of said temperature control conduits having a pair of generally opposing walls, wherein a first wall is positioned radially outward relative to said transmission conduit, a second wall is positioned radially inward relative to said transmission conduit, a relatively rigid elongated reinforcement member positioned in one of the first and second walls and projecting inwardly into the temperature control conduit, and a tab projecting outward from the ~~first opposed~~ wall in which the reinforcement member is positioned, wherein said at least two flexible elongated temperature control are composed of a flexible polymeric material; and

an elongated cover holding said elongated temperature control conduits in thermal communication with said transmission conduit, wherein the cover has an outwardly oriented surface and an opposed inwardly oriented surface disposed radially inward thereof, and at least two elongated pockets defined on the inwardly oriented surface of the elongated cover, each pockets containing the projecting tabs of the associated flexible elongated temperature control conduit, the pockets positioned on the inward surface such that the flexible elongated temperature control conduits are positioned in spaced relationship to one another, the outwardly oriented surface of the cover in radial spaced relationship to the first conduit and defining a cavity spaced between the cover and the first conduit, wherein the flexible elongated conduits are positioned in said cavity, wherein said flexible elongated temperature control conduits are positioned between the transmission conduit and the elongated cover.

2. (Previously presented) The structure of claim 1 wherein said elongated cover comprises a fluid-tight outer conduit enclosing said temperature control conduit and said conduit.

3. Cancelled

4. (Original) The structure of claim 2 wherein said outer conduit contains no integral structural reinforcement.

5. (Original) The structure of claim 2 wherein said outer conduit includes no superficial structural reinforcement.

6. (Previously presented) The structure of claim 1 wherein said reinforcement member extends radially with respect to said conduit and wherein said tab is positioned on the first wall of the elongated conduit and projects outward from the first wall perpendicularly with respect to said reinforcement member.

7. (Currently amended) The structure of claim 6 wherein said temperature control conduit has a pair of generally opposing walls, a first wall radially outward relative to said transmission conduit and a second wall radially inward relative to said conduit~~, said reinforcement member disposed on said first wall~~.

8. Cancelled

9. (Currently amended) The structure of claim 6 wherein ~~said reinforcement member includes an elongated generally planar reinforcement~~ tab has a configuration that is generally planar .

10. (Original) The structure of claim 9 wherein said reinforcement member comprises a radially extending body and said reinforcement tab extends circumferentially of said body.

11. (Original) The structure of claim 1 further comprising a sensor within said cover for detecting the pressure of said temperature control fluid outside of said temperature control conduit.

12. (Previously presented) The structure of claim 1 wherein a pair of polymeric temperature control conduits are held on generally opposing sides of said transmission conduit and wherein the temperature control conduits contact each other when in position relative to the transmission conduit.

13. (Original) The structure of claim 1 wherein said temperature control conduit is inflatable by the introduction of said temperature control fluid.

14. Cancelled

15. (Previously presented) The structure of claim 1 wherein the first wall of said temperature control conduit is arcuate and radially outward relative to said transmission conduit and the -second wall is radially inward relative to said transmission conduit.

16. (Currently amended) The structure of claim 1 wherein the first wall of the flexible elongated temperature control conduit is radially outward relative to said ~~first~~ transmission conduit and the second wall is arcuate and is radially inward relative to said transmission conduit.

17. (Currently amended) An elongated conduit assembly for transmission of temperature control fluids positionable in overlying relationship to an exterior surface of a fluid conveying conduit , the elongated conduit assembly comprising:

at least two polymeric conduit members, each polymeric conduit member

having an elongate, flexible fluid-tight polymeric wall, the flexible fluid-tight wall ~~and~~ composed of at least two opposed wall members, wherein one wall member has a convex outer surface, an opposed wall member has a concave outer surface and intermediate side wall members interposed between the concave wall member and the convex wall member, wherein the opposed wall members and the intermediate side wall members define an internal channel having a non-circular cross section;

wherein each polymeric conduit further has a rib, said rib extending axially and radially inwardly from an associated wall member, said rib being more rigid than said wall, wherein each of said polymeric conduit members has an uninflated configuration and an inflated configuration, wherein the inflated configuration coincides with the introduction of a temperature control fluid therein;

wherein the polymeric conduit members, when in the use position, are in contiguous contact with one another at respective intermediate side wall members, collectively define a central channel and maintain a central fluid conveying conduit in position in the defined central channel.

18. (Previously presented) The conduit of claim 17 wherein said rib includes an elongated generally planar reinforcement tab.

19. Cancelled

20. Cancelled

21. (Original) The structure of claim 17 wherein said conduit has a pair of generally opposing walls, an arcuate inwardly curving first wall and a second wall.

22. (Original) The structure of claim 17 wherein said conduit has a pair of generally opposing walls, a first wall and an arcuate outwardly curving second wall.

23. (Previously presented) An assembly for providing temperature control for a fluid within a subject conduit conveying fluid in a fluid conveying direction, said assembly comprising:

an elongated flexible cover,

at least one temperature control conduit having a pair of opposed walls with one of said walls disposed proximate to the subject conduit and another of the pair disposed a spaced distance therefrom, a relatively rigid inner rib extending along substantially the length of said temperature control conduit, and a tab projecting outwardly from the conduit at a location proximate to the inner rib, said temperature control conduit disposed within said cover and configured to convey temperature control fluid in a temperature control fluid direction fluid, wherein the tab is connected to the cover; and

a releasable fastener to hold said cover around said subject conduit such that said temperature control conduit is in thermal communication with said subject conduit and the temperature control fluid direction and the subject fluid conveying direction are parallel to each other;

wherein said elongated cover has at least one elongated pocket for receiving said tab configured on said temperature control conduit for holding said temperature control conduit relative to said elongated cover.

24. Cancelled

25. (Currently amended) The assembly of claim 23 wherein said elongated cover ~~compises~~ comprises a flexible homogenous material.

26. (Original) The assembly of claim 23 wherein said cover contains no integral structural reinforcement.

27. (Currently amended) The assembly of claim 23 wherein said ~~rib includes an elongated generally planar reinforcement~~ tab is an elongated planar member.

28. (Original) The assembly of claim 27 wherein said rib comprises a radially extending body and said reinforcement tab extends circumferentially of said body.

29. (Original) The assembly of claim 23 further comprising a sensor within said cover for detecting the pressure of said temperature control fluid outside of said temperature control conduit.

30. Cancelled

31. Cancelled

32. Cancelled

33. (Original) The assembly of claim 23 wherein said temperature control conduit has a pair of generally opposing walls, a first wall and an arcuate outwardly curving second wall.